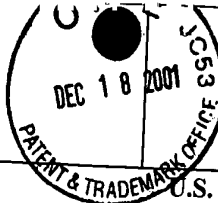


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ATTY. DKT. NO. 5659-03800/TH-3

APPLICANT: Maher, et al.

FILING DATE: April 24, 2001

SERIAL NO. 09/841,287

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| EXAM.<br>INITIALS | REF.<br>DES. | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUB<br>CLASS | FILING DATE IF<br>APPROPRIATE |
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| ✓                 | A1           | 760,304         | 05/1904  | Butler             |       |              |                               |
|                   | A2           | 1,342,741       | 06/1920  | Day                |       |              |                               |
|                   | A3           | 1,510,655       | 10/1924  | Clark              |       |              |                               |
|                   | A4           | 1,666,488       | 02/1927  | Crawshaw           |       |              |                               |
|                   | A5           | 1,913,395       | 11/1929  | Karrick            |       |              |                               |
|                   | A6           | 2,423,674       | 07/1947  | Agren              |       |              |                               |
|                   | A7           | 2,444,755       | 07/1948  | Steffen            |       |              |                               |
|                   | A8           | 2,466,945       | 02/1946  | Greene             |       |              |                               |
|                   | A9           | 2,472,445       | 06/1949  | Sprong             |       |              |                               |
|                   | A10          | 2,484,063       | 10/1949  | Ackley             |       |              |                               |
|                   | A11          | 2,497,868       | 02/1950  | Dalin              |       |              |                               |
|                   | A12          | 2,548,360       | 04/1951  | Germain            |       |              |                               |
|                   | A13          | 2,593,477       | 04/1952  | Newman et al.      |       |              |                               |
|                   | A14          | 2,595,979       | 05/1952  | Pevere et al.      |       |              |                               |
|                   | A15          | 2,630,306       | 01/1952  | Evans              |       |              |                               |
|                   | A16          | 2,634,961       | 04/1953  | Ljungstrom         |       |              |                               |
|                   | A17          | 2,642,943       | 06/1953  | Smith et al.       |       |              |                               |
|                   | A18          | 2,670,802       | 03/1954  | Ackley             |       |              |                               |
|                   | A19          | 2,695,163       | 11/1954  | Pearce et al.      |       |              |                               |
|                   | A20          | 2,732,195       | 01-24-56 | Ljungstrom         |       |              |                               |
|                   | A21          | 2,734,579       | 02-14-56 | Elkins             |       |              |                               |
|                   | A22          | 2,780,449       | 02-05-57 | Fisher et al.      |       |              |                               |
|                   | A23          | 2,777,679       | 01/1957  | Ljungstrom         |       |              |                               |
|                   | A24          | 2,780,450       | 02/1957  | Ljungstrom         |       |              |                               |
|                   | A25          | 2,786,660       | 03/1957  | Alleman            |       |              |                               |
|                   | A26          | 2,789,805       | 04/1957  | Ljungstrom         |       |              |                               |
|                   | A27          | 2,804,149       | 08/1957  | Kile               |       |              |                               |
|                   | A28          | 2,841,375       | 07/1958  | Salomonsson        |       |              |                               |
|                   | A29          | 2,902,270       | 09/1959  | Salomonsson et al. |       |              |                               |
| ✓                 | A30          | 2,906,337       | 09/1959  | Salomonsson et al. |       |              |                               |

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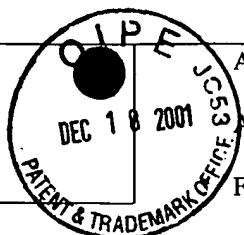
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| R                 | A31          | 2,914,309       | 11/1959 | Salomonsson        |       |              |                               |
|                   | A32          | 2,923,535       | 02/1960 | Ljungstrom         |       |              |                               |
|                   | A33          | 2,939,689       | 06/1960 | Ljungstrom         |       |              |                               |
|                   | A34          | 2,954,826       | 10/1960 | Sievers            |       |              |                               |
|                   | A35          | 2,974,937       | 03/1961 | Kiel               |       |              |                               |
|                   | A36          | 2,994,376       | 08/1961 | Crawford et al.    |       |              |                               |
|                   | A37          | 2,998,457       | 08/1961 | Paulsen            |       |              |                               |
|                   | A38          | 3,004,603       | 10/1961 | Rogers et al.      |       |              |                               |
|                   | A39          | 3,007,521       | 11/1961 | Trantham et al.    |       |              |                               |
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|                   | A42          | 3,106,244       | 10/1963 | Parker             |       |              |                               |
|                   | A43          | 3,110,345       | 11/1963 | Reed et al.        |       |              |                               |
|                   | A44          | 3,113,623       | 12/1963 | Krueger            |       |              |                               |
|                   | A45          | 3,114,417       | 12/1963 | McCarthy           |       |              |                               |
|                   | A46          | 3,131,763       | 05/1964 | Kunetka et al.     |       |              |                               |
|                   | A47          | 3,139,928       | 07/1964 | Broussard          |       |              |                               |
|                   | A48          | 3,142,336       | 07/1964 | Doscher            |       |              |                               |
|                   | A49          | 3,149,672       | 10/1964 | Orkiszewski et al. |       |              |                               |
|                   | A50          | 3,163,745       | 12/1964 | Boston             |       |              |                               |
|                   | A51          | 3,164,207       | 01/1965 | Thessen et al.     |       |              |                               |
|                   | A52          | 3,182,721       | 05/1965 | Hardy              |       |              |                               |
|                   | A53          | 3,183,675       | 05/1965 | Schroeder          |       |              |                               |
|                   | A54          | 3,191,679       | 06/1965 | Miller             |       |              |                               |
|                   | A55          | 3,205,946       | 10/1965 | Prats et al.       |       |              |                               |
|                   | A56          | 3,207,220       | 10/1965 | Williams           |       |              |                               |
|                   | A57          | 3,208,531       | 10/1965 | Tamplen            |       |              |                               |
|                   | A58          | 3,209,825       | 10/1965 | Alexander et al.   |       |              |                               |
| R                 |              |                 |         |                    |       |              |                               |

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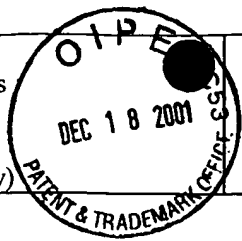
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ATTY. DKT. NO. 5659-03800/TH 3

SERIAL NO. 09/841,287

APPLICANT: Maher, et al.

GROUP: 3672

FILING DATE: April 24, 2001

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|-------------------|--------------|-----------------|---------|----------------------|-------|--------------|-------------------------------|
| ✓                 | A59          | 3,237,689       | 03/1966 | Justheim             |       |              |                               |
|                   | A60          | 3,241,611       | 03/1966 | Dougan               |       |              |                               |
|                   | A61          | 3,250,327       | 05/1966 | Crider               |       |              |                               |
|                   | A62          | 3,267,680       | 08/1966 | Schlumberger         |       |              |                               |
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|                   | A64          | 3,338,306       | 08/1967 | Cook                 |       |              |                               |
|                   | A65          | 3,528,501       | 09/1970 | Parker               |       |              |                               |
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|                   | A67          | 3,973,628       | 08/1976 | Colgate              |       |              |                               |
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|                   | A70          | 4,016,239       | 04/1977 | Fenton               |       |              |                               |
|                   | A71          | 4,076,761       | 02/1978 | Chang et al.         |       |              |                               |
|                   | A72          | 4,089,372       | 05/1978 | Terry                |       |              |                               |
|                   | A73          | 4,093,026       | 06/1978 | Ridley               |       |              |                               |
|                   | A74          | 4,096,163       | 06/1978 | Chang, et al.        |       |              |                               |
|                   | A75          | 4,130,575       | 12/1978 | Jorn et al.          |       |              |                               |
|                   | A76          | 4,133,825       | 01/1979 | Stroud et al.        |       |              |                               |
|                   | A77          | 4,138,442       | 02/1979 | Chang et al.         |       |              |                               |
|                   | A78          | 4,186,801       | 02/1980 | Madgavkar et al.     |       |              |                               |
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|                   | A80          | 4,250,962       | 02/1981 | Madgavkar et al.     |       |              |                               |
|                   | A81          | 4,273,188       | 06/1981 | Vogel et al.         |       |              |                               |
|                   | A82          | 4,274,487       | 06/1981 | Hollingsworth et al. |       |              |                               |
|                   | A83          | 4,299,086       | 11/1981 | Madgavkar et al.     |       |              |                               |
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|                   | A87          | 4,366,668       | 01/1983 | Madgavkar et al.     |       |              |                               |
|                   | A88          | 4,378,048       | 03/1983 | Madgavkar et al.     |       |              |                               |

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|-------------------|--------------|-----------------|---------|-------------------|-------|--------------|-------------------------------|
| M                 | A89          | 4,381,641       | 05/1983 | Madgavkar et al.  |       |              |                               |
|                   | A90          | 4,398,151       | 08/1983 | Vinegar et al.    |       |              |                               |
|                   | A91          | 4,407,973       | 10/1983 | van Dijk et al.   |       |              |                               |
|                   | A92          | 4,409,090       | 10/1983 | Hanson et al.     |       |              |                               |
|                   | A93          | 4,444,258       | 04/1984 | Kalmar            |       |              |                               |
|                   | A94          | 4,501,445       | 02/1985 | Gregoli           |       |              |                               |
|                   | A95          | 4,530,401       | 07/1985 | Hartman et al.    |       |              |                               |
|                   | A96          | 4,540,882       | 10/1985 | Vinegar et al.    |       |              |                               |
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|                   | A98          | 4,570,715       | 02/1986 | Van Meurs et al.  |       |              |                               |
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|                   | A100         | 4,572,299       | 02/1986 | Vanegmond et al.  |       |              |                               |
|                   | A101         | 4,583,046       | 04/1986 | Vinegar et al.    |       |              |                               |
|                   | A102         | 4,583,242       | 04/1986 | Vinegar et al.    |       |              |                               |
|                   | A103         | 4,594,468       | 06/1986 | Minderhoud        |       |              |                               |
|                   | A104         | 4,597,441       | 07/1986 | Ware et al.       |       |              |                               |
|                   | A105         | 4,605,680       | 08/1986 | Beuther et al.    |       |              |                               |
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|                   | A107         | 4,616,705       | 10/1986 | Stegemeier et al. |       |              |                               |
|                   | A108         | 4,635,197       | 01/1987 | Vinegar et al.    |       |              |                               |
|                   | A109         | 4,640,352       | 02/1987 | Vanmeurs et al.   |       |              |                               |
|                   | A110         | 4,644,283       | 02/1987 | Vinegar et al.    |       |              |                               |
|                   | A111         | 4,658,215       | 04/1987 | Vinegar et al.    |       |              |                               |
|                   | A112         | 4,663,711       | 05/1987 | Vinegar et al.    |       |              |                               |
|                   | A113         | 4,671,102       | 06/1987 | Vinegar et al.    |       |              |                               |
|                   | A114         | 4,716,960       | 01/1988 | Eastlund et al.   |       |              |                               |
|                   | A115         | 4,719,423       | 01/1988 | Vinegar et al.    |       |              |                               |
|                   | A116         | 4,728,892       | 03/1988 | Vinegar et al.    |       |              |                               |
|                   | A117         | 4,730,162       | 03/1988 | Vinegar et al.    |       |              |                               |
| 2                 | A118         | 4,743,854       | 05/1988 | Vinegar et al.    |       |              |                               |

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| VL                | A119         | 4,762,425       | 08/1988 | Shakkottai et al. |       |              |                               |
|                   | A120         | 4,769,602       | 09/1988 | Vinegar et al.    |       |              |                               |
|                   | A121         | 4,769,606       | 09/1988 | Vinegar et al.    |       |              |                               |
|                   | A122         | 4,793,656       | 12/1988 | Siddoway et al.   |       |              |                               |
|                   | A123         | 4,827,761       | 05/1989 | Vinegar et al.    |       |              |                               |
|                   | A124         | 4,848,924       | 07/1989 | Nuspl et al.      |       |              |                               |
|                   | A125         | 4,856,341       | 08/1989 | Vinegar et al.    |       |              |                               |
|                   | A126         | 4,860,544       | 08/1989 | Krieg et al.      |       |              |                               |
|                   | A127         | 4,866,983       | 09/1989 | Vinegar et al.    |       |              |                               |
|                   | A128         | 4,884,455       | 12/1989 | Vinegar et al.    |       |              |                               |
|                   | A129         | 4,886,118       | 12/1989 | Van Meurs et al.  |       |              |                               |
|                   | A130         | 4,927,857       | 05/1990 | McShea III et al. |       |              |                               |
|                   | A131         | 4,974,425       | 12/1990 | Krieg et al.      |       |              |                               |
|                   | A132         | 4,983,319       | 01/1991 | Gregoli et al.    |       |              |                               |
|                   | A133         | 4,984,594       | 01/1991 | Vinegar et al.    |       |              |                               |
|                   | A134         | 4,987,368       | 01/1991 | Vinegar           |       |              |                               |
|                   | A135         | 4,994,093       | 02/1991 | Wetzel et al.     |       |              |                               |
|                   | A136         | 5,014,788       | 05/1991 | Puri et al.       |       |              |                               |
|                   | A137         | 5,046,559       | 10/1991 | Glandt            |       |              |                               |
|                   | A138         | 5,050,386       | 09/1991 | Krieg et al.      |       |              |                               |
|                   | A139         | 5,060,287       | 10/1991 | Van Egmond        |       |              |                               |
|                   | A140         | 5,060,726       | 10/1991 | Glandt et al.     |       |              |                               |
|                   | A141         | 5,065,818       | 11/1991 | Van Egmond        |       |              |                               |
|                   | A142         | 5,168,927       | 12/1992 | Stegemeier et al. |       |              |                               |
|                   | A143         | 5,189,283       | 02/1993 | Carl, Jr. et al.  |       |              |                               |
|                   | A144         | 5,190,405       | 03/1993 | Vinegar et al.    |       |              |                               |
|                   | A145         | 5,207,273       | 05/1993 | Cates et al.      |       |              |                               |
|                   | A146         | 5,211,230       | 05/1993 | Ostapovich et al. |       |              |                               |
|                   | A147         | 5,226,961       | 07/1993 | Nahm et al.       |       |              |                               |
| a                 | A148         | 5,229,583       | 07/1993 | van Egmond et al. |       |              |                               |

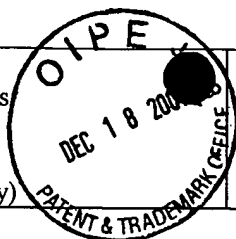
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| GL                | A149         | 5,236,039       | 08/1993 | Edelstein et al.  |       |              |                               |
|                   | A150         | 5,255,742       | 10/1993 | Mikus             |       |              |                               |
|                   | A151         | 5,297,626       | 03/1994 | Vinegar et al.    |       |              |                               |
|                   | A152         | 5,306,640       | 04/1994 | Vinegar et al.    |       |              |                               |
|                   | A153         | 5,318,116       | 06/1194 | Vinegar et al.    |       |              |                               |
|                   | A154         | 5,339,897       | 08/1994 | Leaute            |       |              |                               |
|                   | A155         | 5,340,467       | 08/1994 | Gregoli et al.    |       |              |                               |
|                   | A156         | 5,349,859       | 09/1994 | Kleppe            |       |              |                               |
|                   | A157         | 5,388,640       | 02/1995 | Puri et al.       |       |              |                               |
|                   | A158         | 5,388,641       | 02/1995 | Yee et al.        |       |              |                               |
|                   | A159         | 5,388,642       | 02/1995 | Puri et al.       |       |              |                               |
|                   | A160         | 5,388,643       | 02/1995 | Yee et al.        |       |              |                               |
|                   | A161         | 5,388,645       | 02/1995 | Puri et al.       |       |              |                               |
|                   | A162         | 5,391,291       | 02/1995 | Winqvist et al.   |       |              |                               |
|                   | A163         | 5,392,854       | 02/1995 | Vinegar et al.    |       |              |                               |
|                   | A164         | 5,404,952       | 04/1995 | Vinegar et al.    |       |              |                               |
|                   | A165         | 5,409,071       | 04/1995 | Wellington et al. |       |              |                               |
|                   | A166         | 5,411,089       | 05/1995 | Vinegar et al.    |       |              |                               |
|                   | A167         | 5,415,231       | 05/1995 | Northrop et al.   |       |              |                               |
|                   | A168         | 5,431,224       | 07/1995 | Laali             |       |              |                               |
|                   | A169         | 5,433,271       | 07/1995 | Vinegar et al.    |       |              |                               |
|                   | A170         | 5,437,506       | 08/1995 | Gray              |       |              |                               |
|                   | A171         | 5,439,054       | 08/1995 | Chaback et al.    |       |              |                               |
|                   | A172         | 5,454,666       | 10/1995 | Chaback et al.    |       |              |                               |
|                   | A173         | 5,497,087       | 03/1996 | Vinegar et al.    |       |              |                               |
|                   | A174         | 5,498,960       | 03/1996 | Vinegar et al.    |       |              |                               |
|                   | A175         | 5,525,322       | 06/1996 | Willms            |       |              |                               |
|                   | A176         | 5,553,189       | 09/1996 | Stegemeier et al. |       |              |                               |
|                   | A177         | 5,554,453       | 09/1996 | Steinfeld et al.  |       |              |                               |
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| <i>W</i>          | A179         | 5,624,188       | 04/1997 | West                 |       |              |                               |
|                   | A180         | 5,656,239       | 08/1997 | Stegemeier et al.    |       |              |                               |
|                   | A181         | 5,676,212       | 10/1997 | Kuckes               |       |              |                               |
|                   | A182         | 5,862,858       | 01/1999 | Wellington et al.    |       |              |                               |
|                   | A183         | 5,899,269       | 05/1999 | Wellington et al.    |       |              |                               |
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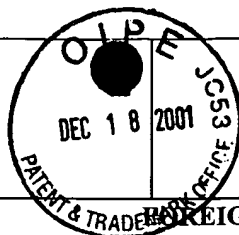
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ATTY. DKT. NO. 5659-03800/TH 3

SERIAL NO. 09/841,287

APPLICANT: Maher, et al.

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FILING DATE: April 24, 2001

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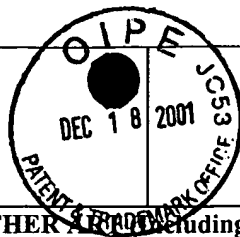
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APPLICANT: Maher, et al.

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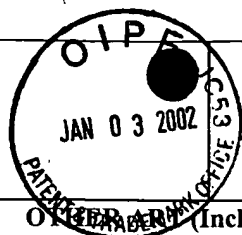
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ATTY. DKT. NO. 5659-03800/TH1263

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APPLICANT: Maher, et al.

GROUP: 3672

FILING DATE: April 24, 2001

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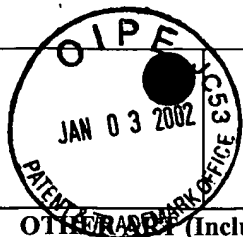
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APPLICANT: Maher, et al.

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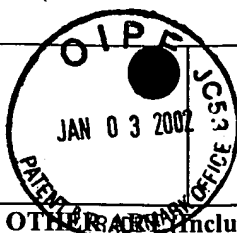
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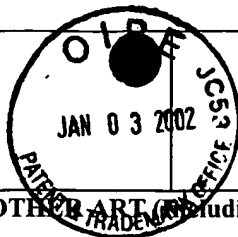
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SERIAL NO. 09/841,287

APPLICANT: Maher, et al.

GROUP: 3672

FILING DATE: April 24, 2001

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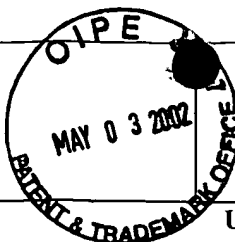
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ATTY. DKT. NO. 5659-03800/TH19

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APPLICANT: Maher, et al.

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FILING DATE: April 24, 2001

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| OK                | C1           | 1,269,747       | 6/1918  | Rogers           |       |              |                               |
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|                   | C6           | 2,703,621       | 3/1955  | Ford             |       |              |                               |
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|                   | C8           | 2,793,696       | 5/1957  | Morse            |       |              |                               |
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|                   | C10          | 2,890,755       | 6/1959  | Eurenius et al.  |       |              |                               |
|                   | C11          | 2,906,340       | 9/1959  | Herzog           |       |              |                               |
|                   | C12          | 2,932,352       | 4/1960  | Stegemeier       |       |              |                               |
|                   | C13          | 2,958,519       | 11/1960 | Hurley           |       |              |                               |
|                   | C14          | 3,010,513       | 11/1961 | Gerner           |       |              |                               |
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|                   | C16          | 3,036,632       | 5/1962  | Koch et al.      |       |              |                               |
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|                   | C20          | 3,084,919       | 4/1963  | Slater           |       |              |                               |
|                   | C21          | 3,113,619       | 12/1963 | Reichle          |       |              |                               |
|                   | C22          | 3,116,792       | 1/1964  | Purre            |       |              |                               |
|                   | C23          | 3,120,264       | 2/1964  | Barron           |       |              |                               |
|                   | C24          | 3,127,935       | 4/1964  | Poettmann et al  |       |              |                               |
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|                   | C27          | 3,205,944       | 9/1965  | Walton           |       |              |                               |
|                   | C28          | 3,233,668       | 2/1966  | Hamilton et al.  |       |              |                               |
|                   | C29          | 3,273,640       | 9/1966  | Huntington       |       |              |                               |
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GROUP: 3672

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| 02                | C31          | 3,294,167       | 12/1966 | Vogel             |       |              |                               |
|                   | C32          | 3,352,355       | 11/1967 | Putman            |       |              |                               |
|                   | C33          | 3,379,248       | 4/1968  | Strange           |       |              |                               |
|                   | C34          | 3,605,890       | 9/1971  | Holm              |       |              |                               |
|                   | C35          | 3,617,471       | 11/1971 | Schlinger et al.  |       |              |                               |
|                   | C36          | 3,661,423       | 5/1972  | Garrett           |       |              |                               |
|                   | C37          | 3,770,398       | 11/1973 | Abraham et al.    |       |              |                               |
|                   | C38          | 3,882,941       | 5/1975  | Pelofsky          |       |              |                               |
|                   | C39          | 3,948,319       | 4/1976  | Pritchett         |       |              |                               |
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|                   | C43          | 4,008,762       | 2/1977  | Fisher et al.     |       |              |                               |
|                   | C44          | 4,019,575       | 4/1977  | Pisio et al.      |       |              |                               |
|                   | C45          | 4,026,357       | 5/1977  | Redford           |       |              |                               |
|                   | C46          | 4,049,053       | 9/1977  | Fisher et al.     |       |              |                               |
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|                   | C48          | 4,067,390       | 1/1978  | Camacho et al.    |       |              |                               |
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|                   | C50          | 4,084,637       | 4/1978  | Todd              |       |              |                               |
|                   | C51          | 4,114,688       | 9/1978  | Terry             |       |              |                               |
|                   | C52          | 4,144,935       | 3/1979  | Bridges et al.    |       |              |                               |
|                   | C53          | 4,183,405       | 1/1980  | Magnie            |       |              |                               |
|                   | C54          | 4,228,854       | 10/1980 | Sacuta            |       |              |                               |
|                   | C55          | 4,243,101       | 1/1981  | Gruppung          |       |              |                               |
|                   | C56          | 4,277,416       | 7/1981  | Grant             |       |              |                               |
|                   | C57          | 4,306,621       | 12/1981 | Boyd et al.       |       |              |                               |
|                   | C58          | 4,324,292       | 4/1982  | Jacobs et al.     |       |              |                               |
| a                 | C59          | 4,344,483       | 8/1982  | Fisher et al.     |       |              |                               |

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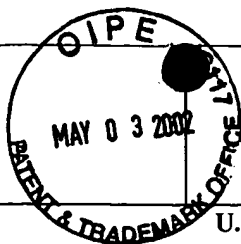
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APPLICANT: Maher, et al.

GROUP: 3672

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|                   | C61          | 4,384,613       | 5/1983  | Owen et al.       |       |              |                               |
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|                   | C64          | 4,444,255       | 4/1984  | Geoffrey et al.   |       |              |                               |
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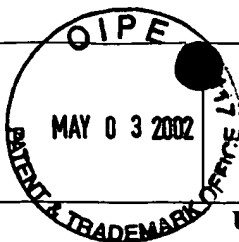
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|                   | C98          | 6,328,104       | 12/2001 | Graue       |       |              |                               |
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|                   | D2           | 3,380,913       | 4/1968  | Henderson   |       |              |                               |
|                   | D3           | 3,794,116       | 2/1974  | Higgins     |       |              |                               |
|                   | D4           | 4,197,911       | 4/1980  | Anada       |       |              |                               |
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|                   | C99          | 2,015,460       | 10/1991 | CA      |       |              |                        |
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| 1  | D9   | Passey et al., US Patent Application Publication 2001/0049342 A1, December 6, 2001.   |
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U.S. PATENT DOCUMENTS

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| OC                | E1           | 3,181,613       | May-1965 | Krueger          |       |              |                               |
|                   | E2           | 3,922,148       | Nov-1975 | Child            |       |              |                               |
|                   | E3           | 3,924,680       | Dec-1975 | Terry            |       |              |                               |
|                   | E4           | 5,020,596       | Jun-1991 | Hemsath          |       |              |                               |
|                   | E5           | 5,229,102       | Jul-1993 | Minet et al.     |       |              |                               |
|                   | E6           | 5,316,664       | May-1994 | Gregoli et al.   |       |              |                               |
|                   | E7           | 5,366,012       | Nov-1994 | Lohbeck          |       |              |                               |
|                   | E8           | 5,541,517       | Jul-1996 | Hartmann et al.  |       |              |                               |
|                   | E9           | 5,861,137       | Jan-1999 | Edlund           |       |              |                               |
|                   | E10          | 6,354,373       | Mar-2001 | Vercaemer et al. |       |              |                               |
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